--77. (Once Amended) A rotating electric machine configured to operate at high-voltages comprising:

a stator having,

a first slot, a second slot, and a third slot;

a stator winding of a high-voltage cable drawn though said first slot, said second slot, and said third slot of said stator so as to form a continuous full turn of said stator winding, said high-voltage cable having

an insulation system including

a first semiconducting layer,

a solid insulation layer arranged to surround and be in electrical contact with said first semiconducting layer, and

a second semiconducting layer arranged to surround and be in electrical contact with said solid insulation layer; and

a support member positioned in contact with said stator winding, wherein

said first semiconducting layer and said second semiconducting layer are configured to provide respective equipotential surfaces.

78. (Once Amended) The machine of Claim 77, wherein:

at least one of said first semiconducting layer and said second semiconducting layer has a same coefficient of thermal expansion as the solid insulation layer.

79. (Once Amended) The machine of Claim 77, wherein:

at least one of said first slot, said second slot, and said third slot has a cable lead-through portion of said high-voltage cable disposed therein;

said support member being arranged in at least one of said first slot, said second slot, and said third slot in resilient fixation with the cable lead-through and configured to exert a pressure against said cable lead-through;

said support member being disposed between said cable lead-through and a side wall of the at least one of said first slot, said second slot, and said third slot;

a spring material being positioned between the cable lead-through and the side wall of said at least one of said first slot, said second slot, and said third slot; and

said support member and said spring material are formed as an elongated pressure element running in a same direction as the cable lead-through.

81. (Once Amended) The machine of Claim 79, wherein:

said support member comprises a tube having a sleeve containing a pressure-hardened material.

83. (Once Amended) The machine of Claim 79, wherein:

said support member comprises a tube having a sleeve containing a pressurized fluid.

84. (Once Amended) The machine of Claim 79, further comprising:

additional elongated pressure elements, wherein

at least a majority of said elongated pressure element and said additional elongated pressure elements are configured to exert pressure on said cable lead-through and an adjacent cable lead-through.

85. (Once Amended) The machine of Claim 79, wherein:

an axial section of at least one of said first slot, said second slot, and said third slot having a profile with a varying cross-section in which, said side wall and an opposing side wall immediately opposite the cable lead-through each have,

a circular portion that corresponds to an outer diameter of the high-voltage cable, and

a waist portion, being more narrow than said circular portion, and

said elongated pressure element being disposed in said waist portion.

86. (Once Amended) The machine of Claim 85, wherein:

said axial section includes another waist portion being a single-sided waist portion defined on said side wall by a tangential plane to said circular portion and the opposing side wall and a connecting plane situated between and substantially parallel to a corresponding tangential plane and a plane connecting respective centers of the circular portion for the side wall and the opposing side wall, and

said elongated pressure element being arranged at the side wall constituting the tangential plane.

87. (Once Amended) The machine of Claim 79, wherein:

said elongated pressure element, and another elongated pressure element, being arranged on a same side wall of the at least one of said first slot, said second slot, and said third slot.

88. (Once Amended) The machine of Claim 79, wherein:

said elongated pressure member and said spring material being arranged close to a same wall of said at least one of said first slot, said second slot, and said third slot, said spring material being joined to the elongated pressure element.

89. (Once Amended) The machine of Claim 79, wherein:

said elongated pressure element and said spring material being respectively positioned close to different walls of the at least one of said first slot, said second slot, and said third slot.

94. (Once Amended) The machine of Claim 77, wherein:

a corrugated sheet surrounds at least a portion of the cable lead-through in at least one of said first slot, said second slot, and said third slot.

95. (Once Amended) The machine of Claim 94, wherein:

the corrugated sheet surrounds the high-voltage cable continuously around an entire circumference of the high-voltage cable and along an entire axial length of the high-voltage cable in the at least one of said first slot, said second slot, and said third slot.

96. (Once Amended) The machine of Claim 94, wherein:

a largest diameter of the corrugated sheet being substantially equal to a width of the at least one of said first slot, said second slot, and said third slot; and

a depth of a corrugation in said corrugated sheet being sufficient to absorb a thermal expansion of the high-voltage cable during operation of the machine.

98. (Once Amended) The machine of Claim 94, further comprising:

a casting compound disposed between the corrugated sheet and the at least one of said first slot, said second slot, and said third slot.

99. (Once Amended) The machine of Claim 94, wherein:

the corrugated sheet being formed from a separate tubular corrugated sheet applied around the second semiconducting layer, said second semiconducting layer being an outer semiconducting layer of the high-voltage cable.

101. (Once Amended) The machine of Claim 94, wherein:

a surface of said corrugated sheet having corrugations formed in the second semiconducting layer of the high-voltage cable, said second semiconducting layer being an outer semiconducting layer.

102. (Once Amended) The machine of Claim 101, wherein:

the corrugations in the second semiconducting layer being oriented in a longitudinal direction of the high-voltage cable.

103. (Once Amended) The machine of Claim 77, wherein:

said support member includes an elongated elastic support element arranged along and in contact with a cable lead-through of said high-voltage cable disposed in said first slot, said second slot, and said third slot.

114. (Once Amended) The machine of Claim 113, wherein:

the narrow parts being asymmetrically positioned in relation to a central plane running radially through at least one of said first slot, said second slot, and said third slot.

116. (Once Amended) The machine of Claim 103, wherein:

said support element abuts the cable lead-through and an adjacent cable lead-through of the stator winding.

117. (Once Amended) A rotating electric machine configured to operate at high-voltages comprising:

a high-voltage magnetic circuit having,

a magnetic core, and

a stator winding of a high-voltage cable, said high-voltage cable having,

a conductor configured to carry electrical current and having respective strands,

an inner semiconducting layer arranged to surround and be in electrical contact with said conductor,

a solid insulation layer arranged to surround and be in electrical contact with said inner semiconducting layer, and

an outer semiconducting layer arranged to surround and be in electrical contact with said solid insulation layer; and

a support member positioned along and in contact with said stator winding.

118. (Once Amended) The machine according to Claim 117, wherein:

said magnetic core includes a first slot, a second slot, and a third slot in which said high-voltage cable of said stator winding is disposed;

said inner semiconducting layer and said outer semiconducting layer being configured to provide respective equipotential surfaces.

119. (Once Amended) A method for manufacturing a rotating electric machine configured to operate at high-voltages, comprising the steps of:

forming a winding for a stator by positioning a cable in a first slot, a second slot, and a third slot of the stator so as to form a continuous full turn of the winding, said cable being configured to hold a high-voltage and having

an insulation system including

a first semiconducting layer,

a solid insulation layer arranged to surround and be in electrical contact with said first semiconducting layer, and

a second semiconducting layer arranged to surround and be in electrical contact with said solid insulation layer, said first semiconducting layer and said second semiconducting layer providing respective equipotential surfaces; and

inserting an elongated support member axially in at least one of said first slot, said second slot, and said third slot and in contact with said cable.

120. (Once Amended) The method of Claim 119, wherein:

said inserting step comprises

inserting a hose-like element as said elongated support element in the at least one of said first slot, said second slot, and said third slot; and

filling the hose-like element with a pressure medium.

123. (Once Amended) The method of Claim 120, wherein:

said inserting step comprises inserting said hose-like element after said cable has been inserted in said at least one of said first slot, said second slot, and said third slot.

124. (Once Amended) The method of Claim 120, wherein:

said inserting step comprises inserting said hose-like element in said at least one of said first slot, said second slot, and said third slot, and in at least another slot in a forwards and backwards pattern.

125. (Once Amended) The method of Claim 119, further comprising:

surrounding the cable with a corrugated sheath before inserting the cable into the at least one of said first slot, said second slot, and said third slot.

126. (Once Amended) The method of Claim 125, wherein said surrounding step comprises applying a separate tubular corrugated sheet around the cable before inserting the cable into the at least one of said first slot, said second slot, and said third slot.

127. (Once Amended) The method of Claim 125, wherein:

said surrounding step comprises surrounding the corrugated sheath by applying a separate tubular corrugated sheath in the at least one of said first slot, said second slot, and said third slot before inserting the cable into the at least one of said first slot, said second slot, and said third slot.

129. (Once Amended) The method of Claim 125, further comprising the step of:

inserting a casting compound between the corrugated sheath and a wall of the at least one of said first slot, said second slot, and said third slot.

133. (Once Amended) The method of Claim 125, wherein:

said surrounding step comprises surrounding the cable with the second semiconducting layer as an outer semiconducting layer, said second semiconducting layer having corrugations; and

said corrugated sheath comprises the second semiconducting layer.

136. (Once Amended) The method of Claim 119, wherein:

said inserting step comprises inserting said support element in an axial direction after winding the stator.

137. (Once Amended) The method of Claim 136, wherein:

said inserting step comprises inserting the support element into a space between a cable lead-through of said cable and a wall of at least one of said first slot, said second slot, and said third slot while having said support element maintain a state that enables said support element to pass through a profile of said at least one of said first slot, said second slot, and said third slot without obstruction or resistance in an axial cross-section of said at least one of said first slot, said second slot, and said third slot; and

expanding transversely said support element in an axial direction after said inserting step.

139. (Once Amended) The method of Claim 137, wherein:

said inserting step comprises inserting the support element when surrounding an elongated body along an entire length of the thin walled elastic hose such that a cross-sectional dimension of said body and said hose, having a void space formed therebetween, and filling said void space with a hardening elastic material after said support element is inserted into at least one of said first slot, said second slot, and said third slot and expanding the hose traversely to the axial direction.

143. (Once Amended) The method of Claim 137, wherein said support element having a cross-sectional profile such that sufficient clearance is provided for inserting said support member into said space.

153. (Once Amended) A rotating electric machine comprising:

a stator having a first slot, a second slot, and a third slot;

a stator winding of a high-voltage cable disposed in said first slot, said second slot, and said third slot so as to form a continuous full turn of said stator winding, having

means for conducting an electrical current in said high-voltage cable,

means for electrically insulating said means for conducting, said means for electrically insulating having,

means for creating a first equipotential surface around said means for conducting,

means for creating a second equipotential surface around said means for creating the first equipotential surface, and

means for separating said first equipotential surface from said second equipotential surface; and

means for supporting said stator winding in at least one of said first slot, said second slot, and said third slot.--

Please add new Claims 154-158 as follows:

--154. (New Claim) The machine of Claim 79, wherein said support member comprises a tube having a sleeve containing a pressure medium in solid form.

155. (New Claim) The machine of Claim 154, wherein said pressure medium comprises silicon rubber.

156. (New Claim) The machine of Claim 154, wherein said pressure medium in solid form includes a cavity running axially therethrough.

157. (New Claim) The machine of Claim 90, wherein said elastic material comprises rubber.

158. (New Claim) The machine of Claim 110, wherein the pressure medium comprises silicon rubber.--

IN THE ABSTRACT OF THE DISCLOSURE

After page 33 (of the original specification), please insert the new Abstract of the Disclosure appearing on the following page.